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August 6, 1979

Mr. W. J. Finnegan, Chairman
Environmental Committee
Puget Sound Power and Light Company
Puget Power Building
Bellevue, WA 98009

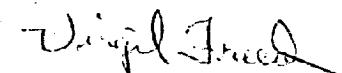
Dear Mr. Finnegan:

Attached is a brief report on some preliminary work on a TLC method for PCBs in oil. This is not the technique that would necessarily best fit the problems you encounter, but it does indicate what can be done by way of a field determination of PCB.

Where more elaborate facilities are available for extracting the PCB from oil, investigators had claimed to be able to detect as little as 0.5 μg /TLC plate. This, of course, is not as sensitive as the gas chromatograph, but does permit a more rapid analyses on the spot.

Should this approach be worthwhile, I'm sure that your chemists could readily modify and greatly improve on the technique.

Sincerely,



Virgil H. Freed
Department Head

smg
Attachment

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